

SASSO PRO 80 adjustable flush trim round

048-2310518V 052-1922327



| | |
|----------------|--|
| Project / Type | |
| Notes | |
| Count / Date | |



General

| | |
|-------------------------------|--|
| Ceiling , Recessed | |
| tilt max 35° | |
| rotation 360° | |
| black , RAL 9005 ¹ | |
| Mounting set traffic white | |
| IP20 | |
| 379 lm | |

LED

| | |
|---|--|
| 3000 K | |
| CRI ≥ 90 | |
| L90 / 50000 h | |
| initial MacAdam ≤ 2 SDCM | |
| R _g : 98 , R _r : 91 , R _{t(1-15)} : 89 | |
| MR 0.6 | |
| MDER 0.55 | |

Optical

| | |
|---------------|--|
| super spot | |
| beam angle 8° | |
| UGR ≤ 10 | |

Electrical

| | |
|-----------------------------|--|
| non DIM | |
| 220-240 V | |
| system 7.7 W | |
| system 49 lm/W ² | |
| PC2 | |

Physical

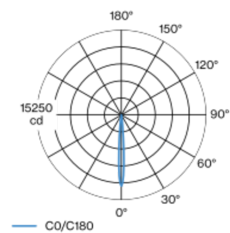
| | |
|----------------|--|
| trim | |
| diameter 98 mm | |
| height 83 mm | |
| 0.44 kg | |

Cutout

| | |
|------------------------------|--|
| diameter 92 mm | |
| min. ceiling thickness 2 mm | |
| max. ceiling thickness 25 mm | |
| recessed depth 110 mm | |

Round recessed spotlight in die-cast aluminium; surface black powder coated; 360° rotatable and 35° tiltable; installation without tools in mounting set due to patented ball catch system; round installation housing; with trim traffic white; suitable for ceiling thickness of 2-25 mm; passive cooling of the LEDs through improved heat sink geometry; with high power LED for maximum efficiency; no appearance of multiple shadows; light colour 3000 K; binning initial MacAdam ≤ 2 SDCM; CRI ≥ 90; min. 90% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; incl. high quality lens system; precise radiation characteristic with 8° beam; optical attachments available as accessories; accessories are listed separately; degree of protection IP20; PC2; 220-240 V; incl. converter, non dimmable; converter wired secondary side; through wiring connection box, 3-pole or 5-pole, available as an accessory; light source replaceable by an authorized professional; control gear replaceable by an authorized professional;

Light distribution



Product drawing



¹ RAL code
² incl. consideration of optical losses, internal control unit losses & operating device efficiency

Installation instructions



Lighting calculator



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Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|------------------------------|--------|---|--------|--------|
| LLMF | 0.99 | 0.99 | 0.98 | 0.97 | 0.96 |
| LSF | 1 | 1 | 1 | 1 | 1 |
| MF | LMF × RSMF × LLMF × LSF | | RSMF ^a Room Surface Maintenance Factor | | |
| MF | Maintenance Factor | | LLMF Lamp Lumens Maintenance Factor | | |
| LMF ^a | Luminaire Maintenance Factor | | LSF Lamp Survival Factor | | |

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

| Automatic Circuit Breaker Type | Number of Fixtures |
|--------------------------------|--------------------|
| B10 | 98 |
| B13 | 127 |
| B16 | 157 |
| B20 | 196 |
| C10 | 193 |
| C13 | 251 |
| C16 | 317 |
| C20 | 387 |

Components

MOUNTING SET

| TYPE | COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|-------------|---------------|--------|-------------------|
| round flush | traffic white | 98 | 052-1922327 |



Mounting accessories

PRIMED CONCRETE MOUNTING HOUSING

| L-W-H (MM) | ARTICLE NUMBER(S) |
|-------------|-------------------|
| 240-400-130 | 052-1914320 |



Optical accessories

HONEYCOMB LOUVER

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 54 | 048-2091317 |
| jet black | 54 | 048-2091318 |



LINEAR PRISMATIC LENS

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 54 | 048-2092317 |
| jet black | 54 | 048-2092318 |



SNOOT

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 54 | 048-2091117 |
| jet black | 54 | 048-2091118 |



SNOOT WITH HONEYCOMB LOUVER

| COLOUR | Ø (MM) | ARTICLE NUMBER(S) |
|---------------|--------|-------------------|
| traffic white | 54 | 048-2091217 |
| jet black | 54 | 048-2091218 |

